



THE FAR-B NEWS

Dedicated to promoting the research and education programs of the BELTSVILLE AREA, Beltsville, MD

Friends of Agricultural Research-Beltsville, Incorporated P.O. Box 1061, Beltsville, MD 20704-1061

JANUARY 2014

Editor: Hank Becker

Aileen Lee Leaves FARB Bequest

Aileen Lee was born in 1931 and died in 2013 at the age of 82 of *Pulmonary edema*, a condition often caused by congestive heart failure. She was raised in Beltsville and was the only child. She attended Beltsville Elementary School and graduated from high school in Hyattsville in 1947. She immediately went to work as a telephone operator at Fort Meade before going to work for USDA downtown. She returned to work at the Beltsville Agricultural Research Center in the 1970s where she served as the secretary to Robert L. Almond who headed the Facilities Operations Division at the Center. In addition to her other assignments, Aileen later served as secretary to Dr. Philip Kearney, Chairman of the Natural Resources Institute, before retiring



Aileen Lee at her retirement party in 1997.

in 1997. In 1998, she lived at 4403 Yucca Street in Beltsville.

At BARC she was introduced to Michael Combs who worked as an ARS technician in the Seed Research lab. He and Aileen were married in 1951 and divorced in 1976. Mike later worked for Karl Norris in the Instrumentation Lab before finishing his ARS career as a tour guide at the ARS Visitor's Center. Mike retired in 1995 and died in 2006.

Mrs. Lee had two sons, Michael F. and Charles Kevin Combs. Kevin is 54 years old and has 3 children and lives in Columbia, MD. Michael is 56 and has 2 children and lives in Martinsburg, WV. She was a dedicated member of the Friends of Agricultural Research—Beltsville. Her bequest of \$41,000 was the most generous in FARB's history.



Remembering FARB in Your Will or Trust Fund

Did you know you can remember FAR-B in your will or trust! . . . And, it's tax deductible for your heirs. FAR-B accepts donations and bequests through General Donations to fund the general mission of the Beltsville Area or Donor Advised Fund (DAF) to support a self-selected unit, program, or activity in the Beltsville Area.

Your estate would be eligible to deduct the full amount of your gift, thus freeing your heirs from estate tax on your gift. An attractive feature is that you may establish a DAF during your lifetime with an initial donation of \$5,000 or more, and subsequently make unlimited additional donations of \$100 or more. A donation would be tax deductible for the tax-year in which it is made. This feature offers the opportunity to begin financial sup-

port for your selected activity or unit without delay. Still additional donations to the DAF may be made by a bequest established within your will or trust.



Besides Aileen Lee's generous bequest of \$41,000, in July, FAR-B received a check for \$1,000 from John G. Moseman's son who is his trustee, to establish the formally known John G. Moseman and Marjorie B. Moseman Trust. John died several years ago, and she died in early 2013 or late 2012. Moseman was a grain breeder at BARC, first director of the old Plant Genetics and Germplasm Institute formed in the 1972 reorganization, and a FAR-B member.

For more details, check out the FARB website: www.far-b.org under Donations and Bequests.

President's Message

Dear Friends and Colleagues;

This past year was really one of change for the Beltsville Area. In reorganization, the Beltsville Area was made to look more like the other Areas in ARS. Details on the reorganization Area Director's Message. The sequester and the resulting budget cuts hurt the research effort at Beltsville.

FAR-B was the recipient of a generous donation from deceased retired employees, Aileen Lee and John Moseman.

FAR-B's draft budget was approved at the January 14, 2014 meeting. Again, FAR-B funded four summer high school interns (\$4,600 each) for the Beltsville Area. The Area office will develop a protocol for awarding these interns. It is FAR-B's intension that these internships provide meaningful research experiences for academically promising high school or college students, so that they will consider science or an agriculturally-related career when they complete their formal education as well as provide high quality support to the SY. The 2014 budget is a negative one again--we will be spending more than we take in. We anticipate an operating income of \$13,800 with operating expenses of \$32,700. The difference will come out of our reserve funds. We are always hopeful that we will get more actively working employee members (Associate member) and donations so that we can limit the use of our reserves. FAR-B is again a member of the **CFC number 40122**.

I am proud to say, FAR-B co-sponsored numerous major events at BARC this past year. This included the support of the Beltsville Area Diversity Taskforce which included seven meeting throughout the year and two postponed because of the Government shut-down. Also, we supported the Student Discovery Garden which had over 900 visitors this past year. For a complete list of activities FAR-B supported, visit our website: www.far-b.org.

FAR-B helped sponsor the Beltsville—University of Maryland Fall Symposium Trends in Agriculture held at the USDA National Agricultural Library. However, this symposium had to be postponed until January 23, 2014 because of the Government shut down. The title this year was *Climate Change—Food and Environmental Security*.

Once again, a group of FAR-B members will be judging Middle School Science Fair projects in Montgomery and Prince George's Counties. Judging Middle School County Science Fairs has been one of our outreach activities for the past seven years. There are lots of very bright young women and men at these science fairs, and we believe our small cash awards and our certificates help keep them interested in science. We give awards in four areas; Environmental Science, Biology, Microbiology and Health, and new this year, Computer Science/Engineering. Each category awardees receive; a first (\$30), second (\$20) and third (\$10) place gift card and a certificate. Last year we gave out 18 awards. If you're interested in judging these young developing scientists, please call or send me an email. We can always use your help. And, I guarantee that you will enjoy visiting with these youngsters as they talk about their projects.

In April, FAR-B will again be hosting the luncheon for the BARC Poster Day and presenting awards to the top three posters presented by the high school interns who are working in various BARC laboratories. The top award is the Vernon G. Pursel Student Scientific Achievement Award.

The science trailer from the Maryland Agricultural Education Foundation returned to the Beltsville Academy under the sponsorship of FAR-B. FAR-B, along with the school and its PTA, sponsored the trailer in the fall of 2014 (see story on page 4).

In closing, please remember that it's time to send in your FAR-B membership dues. They are very essential for FAR-B to continue our support of various activities at BARC. In 2012, FAR-B was not included in the Combined Federal Campaign (CFC)--our biggest single source of income for FAR-B, but now we have been reinstated to the CFC in 2014.

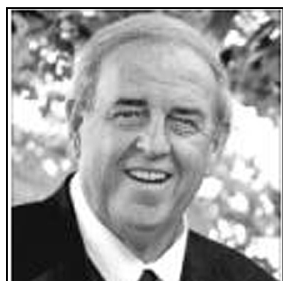
Wishing you all a healthy, happy and prosperous New Year!

James Anderson, President

Area Director's Message

The Beltsville Area has had to deal with a fair amount of adversity over the past year. None was more devastating than the loss of Dr. John Milner, Director of the Beltsville Human Nutrition Research Center. We were most fortunate to have been able to

recruit him to that position starting in July of 2012 and in a short period of time he had made great strides toward improving the stature of the Center and had established many new research collaborations in and outside of the Beltsville Area. He will be greatly



John Milner

missed as a leader, colleague and friend to many of us and we wish the best to his family following such a sudden loss. To ensure that we can continue to build on the strong foundation that he had established at BHNRC in a short period of time, we will quickly begin a recruit action to fill his former position.

In the past year, Beltsville employees had to deal with the loss of funds due to rescission and sequestration. Many of the labs were left with budgets that could not adequately support the research projects. On top of that, the huge backlog in vacant positions has been very slow to dissipate and in many instances even though funds were available, hiring was not possible or took forever. It definitely was a challenge and it was not uncommon to see employees doing the jobs of two or three people. All of these sacrifices occurred when we were not allowed to recognize these extra efforts with any type of award. The final challenge came with the government shutdown that occurred at the start of the fiscal year. It lasted longer than anyone anticipated and certainly had an impact on our research. It is a real demonstration of the dedication and quality of the staff we have at all levels here in the Beltsville Area that we were able to function at such a high level in the face of these challenges. Beltsville continues to produce the best agricultural research and the research output continued unabated and the impact of the work was as impressive as ever.

Hopefully, these challenges are behind us and 2014 will be a better year. The federal budget was just approved and there is a healthy increase in the budget for ARS including some restoration of the funds that were lost to sequestration. ARS has several new and exciting research initiatives that will be started and Beltsville scientists will play a prominent role in their implementation. Employee awards, although capped, have been restored and employees

will see an across-the-board pay increase for the first time in several years. Research activities across ARS are being carefully evaluated and there is a growing recognition that we are going to have to be strategic in our research planning in the future. New budget priorities are being developed by the Agency and it is encouraging that these priorities coincide with areas of research for which Beltsville has unique and well-recognized strengths. While no doubt there will be some surprises on the horizon, I am optimistic that the challenges in 2014 will be easily overcome and that the Area is well positioned to take advantage of the opportunities that I know will be coming this year.

Joseph Spence, Area Director

Financial Report

In 2013, FAR-B had operating income of \$8,356 and expenses of \$25,162 with \$16,806 in reserve funds used to cover the net loss, which had been anticipated and approved by the Board. In addition, investment income of \$2,750 was earned and reinvested. FAR-B was very fortunate to receive two bequests, \$1,000 from the Moseman Family Trust and \$40,778 from Aileen Lee (see cover story), which the Board has invested while deciding upon specific uses for these unanticipated funds. Operating income comprised dues (\$4,734), donations (\$2,447), registration fees for the 3rd Annual Beltsville Area—University of Maryland Symposium (\$975) and a service fee (\$200). Dues income was up 13 percent from 2012 (mainly due to a new Sustaining Member) and donations were down 4 percent from 2012. Expenditures by category were: research (77 percent), education (14 percent), outreach (4 percent) and administration (5 percent).

In 2013, FAR-B fully funded four high school student interns in the Beltsville Area as well as again supporting the following activities: the numerous programs organized by the Beltsville Area Diversity Task Force, including the Student Discovery Garden; the science enrichment program at the Beltsville Academy; the BARC Poster Day; and awards at middle school science fairs in Montgomery and Prince George's Counties. FAR-B also has assisted with the 3rd Annual BA-UMD Symposium, postponed from October until January 23.

Richard Zimmerman, Treasurer

ARS Administrator Ed Knipling Retires

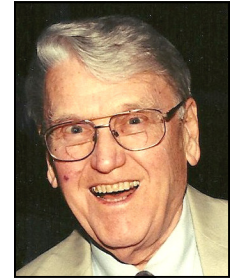
As of September 1, 2013 Dr. Ed Knipling retired as ARS Administrator after more than 48 years of Federal service, plus 2 years in the U.S. Army. His first positions with ARS were summer jobs at BARC in 1956, 1957 and 1961 while in high school (Arlington, VA) and college (Virginia Tech). After graduation from graduate school (Duke University) and military service, his first career position with ARS was as a research plant physiologist in Gainesville, FL, starting in 1968.

Thereafter, he served in executive research leadership and management positions in Area Offices in Stoneville, Mississippi and Fresno, California (1973-1982). He returned to Maryland in 1982 where he served successively on the ARS National Program Staff in various capacities, as the Beltsville Area Director (1988-89), and then as Administrator (1990-2013).

Since retirement Ed continues to reside at his home in Clarksville, MD with his wife Loretta and enjoys family and friends, participates in various outdoor activities, and manages family forest and farm properties in Virginia, West Virginia and Vermont. He is enjoying a well-earned retirement.

ARS will miss his wise counsel and his keen attention to hiring and training great scientists and scientist managers. Thanks to Ed, we have outstanding people to carry on the ARS mission.

University of Minnesota. He served as a medical technician in the U.S. Army in World War II and came to the Washington, D.C., area with his family to complete a doctoral program in horticultural science from the University of Maryland. He received his Ph.D. in 1953. Except for two years in the mid 1950s when he was a professor of horticulture at the University of Minnesota, he served ARS for a total of 32 years, including as associate director of the Arboretum from 1968 to 1972.



Al Piringer

His early research studying the effect of day length on plant growth is recognized internationally. He was part of the USDA team doing pioneer research on phytochrome. He was a three-time recipient of the Leonard H. Vaughn Award of the American Society of Horticultural Science for excellent research published in its journal. At retirement in 1986, he was chairman of the former Horticultural Science Institute, Beltsville, MD.

In retirement, he was a volunteer guide at the Arboretum. After moving to Berkeley Springs, WV, in 1992, he volunteered and was appointed town arborist by Mayor Susan Webster. He also held what he called "horticultural conversations" with other local gardeners. In 2007, he began spending much of the year in McHenry, MD, near Deep Creek Lake, when Maria Spencer retired also.

Al's wife, Phyllis Wegner Piringer, died in 1982, and is survived by his companion of 30 years, Maria Spencer; his four children, and seven great-grandchildren. Contributions in his memory may be made to Friends of Agricultural Research, Beltsville, MD, or, to Hospice of the Chesapeake, or to a charity of choice. His interment at Arlington National Cemetery was private.

FARB's 3rd President Dies



Albert Piringer

Albert A Piringer, Ph.D., a former associate director of the U.S. National Arboretum in Washington, D.C., died January 18, 2014, at his home in University Park, MD. He was 92. Al was a long-time member of FAR-B and served as FARB's 3rd president (1990-1993). He served on the Board many years (1989-1990 and 1993-1996). The cause of death was heart failure.

Al was born April 24, 1921, in St. Paul, MN and earned his bachelor's and master's degrees from the

Mobile Science Lab Week

FARB again partnered with the Maryland Agricultural Education Foundation (MAEF), the Beltsville Academy, and the school Parent Teachers Association November 18-22, 2013, to bring another week of agricultural science education to the school's eager-to-learn students. This year marks the tenth consecu-

tive year that FAR-B has sponsored a science-themed, educational outreach event that FAR-B has entitled “Mobil Science Lab Week” at Beltsville Academy. This annual event is among the most rewarding of FAR-B outreach initiatives.

The Beltsville Academy is a special school, serving a special student community. The fall 2013 enrollment stands at 1012 students: about 70 percent Hispanic, 15 percent Black, four percent Asian, four percent Multi-race, and seven percent White. Fifty-seven percent of the students receive food assistance; 15 percent of the students are in special education. Sixty-three Beltsville Academy students are enrolled in the school’s Regional Autism Program.

Every week-long mobile science lab event is special, each featuring distinct themes and emphases. Several FARB members help assist the MAEF mobile science lab instructor Carolyn Menne. In 2009, FAR-B, the school, and its PTA began contracting with the MAEF to bring one of the three Mobile Science Labs to the school for a week of instruction in agricultural science and the importance of agriculture in daily life. Students receive hands-on experience hypothesizing, experimenting, collecting data, and then drawing conclusions from their results. All of these lessons match the Maryland State Curriculum.

Each year, MAEF mobile science labs visit about 75 schools, reaching out to some 60,000 or more elementary-age students. Schools and their partners pay roughly 40 percent of the cost of lab operations, with the balance underwritten by MVA Agricultural Tag license plate revenues and other contributions. Those combined resources means that FAR-B can maximize its return on limited resources.

In November, Beltsville Academy Principal, Leslie Lowe, opted to go with the Agricultural Products theme and she chose these lessons:

From Pod to Candy Bar (Grades 1—3)

Students explore how some candy bar ingredients begin in cocoa PODS and then perform an experiment to determine which candy will sink or float because of its ingredients. The lesson ends with a simple taste test to determine the class favorite on a bar graph. Students taste-test a milk chocolate chip, a semi-sweet chocolate chip and a white chocolate chip.

Cream to Butter (Grades 3—5)

Students are given the task of testing various milk products to determine which one will produce butter

and discover why it produces butter. Session ends with students sampling their product. Students learned something about the states of matter—solid, liquid, or gas—while churning liquid milk or cream into solid butter. Students loved tasting newly created butter.

Farmers Protect the Environment (Grades 4—5)

This lesson supports Maryland’s new Environmental Literacy standards as students discover environmentally friendly ways that farmers protect the environment and the Chesapeake Bay. Each student team of up to four students--each designed an environmentally friendly dairy farm. They learned about the where and why of using cover crops, protecting and bridging a stream, placing farm buildings to maximum environmental advantage, building a manure pit for waste management, and much more—a challenging exercise for youngsters of this age.

Jim Butcher, Outreach

IN MEMORIAM

Leland (Lee) W. Briggie

On Friday, November 8, 2013, Lee Briggie, of Silver Spring MD, passed away at the age of 93. Lee was a former Director of the Cereal Crops Division of the USDA Research Station in Beltsville, MD. Born in Bismark, ND, and raised in Hazelton, Lee attended Jamestown College, North Dakota State University and Iowa State University, earned his Ph.D. in Agronomy/Plant Genetics and served in the U.S. Army. He found rich fulfillment in his profession, travelling the world to develop disease-resistant strains of wheat, oat, barley, corn and rice, in an effort to reduce world hunger. Lee was a devoted, loving husband and father, generous friend and neighbor, gifted gardener, skilled handyman, and enjoyed trout fishing, music, sports and a game of Hearts--but most of all, the achievements of his children. Preceded in death by his sisters Phyllis and Lenna, his wife of 60 years, Harriet, and his daughter, Pamela, he leaves behind a son, Gary, of Minneapolis, MN, and extended family including Wendy, Lori and Geri, Jenny and Mike. Lee was a lifetime member of St. Luke Lutheran Church, where a memorial concert was held followed by burial at Arlington Cemetery.



Gorm Emberland

Gorm Emberland

Gorm Emberland, an IT Specialist with the National Germplasm Resources Laboratory in Beltsville, MD, died July 3, 2013 at the age of 54 in Georgetown University Hospital in Washington D.C. of pneumonia. He was born on August 28, 1958.

Gorm was a lead software developer on the Germplasm Resources Information Network (GRIN) system that is used by the U.S. National Plant Germplasm System (NPGS), and which also supports the entire ARS genetic resource collections. A significant amount of the software that is used by the NPGS today was written by Gorm. He was a productive and dedicated developer who was passionate about his career.

Gorm started with ARS as an undergraduate student employee in 1978, working in the computer room at the National Agricultural Library. He obtained a B.S. degree in Zoology (1981) and computer science (1986) both from the University of Maryland–College Park. In 1991, he returned to ARS as an IT Specialist in the National Germplasm Resources Lab to work on the GRIN project. He was the lead developer on a project called pcGRIN that shared our information management system freely with international genebanks plant genetic resource communities.

Gorm is survived by his wife, Dr. Joan Emberland; a daughter, Annie; and a son, Colin.

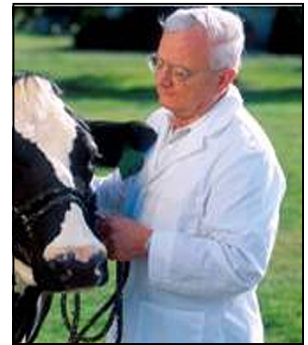
Eleanor G. Frierson

FARB member librarian Eleanor Frierson of Chevy Chase, MD died on April 30, 2013. Born in Columbia, TN, Eleanor graduated from Oberlin College and Syracuse University, she worked at Syracuse University, the US Department of the Interior, the International Monetary Fund, the International Labor Organization, and the US Department of Agriculture. She was a pioneer in creating and disseminating information. In 2010, her achievements earned her Federal Librarian of the Year Award. She was the sister of three Friersons—Claire, Cathy and Elizabeth. She was active in sports and the community, including Advisory Neighbor Commission, choral societies, ten-

nis leagues, the Presbyterian Church and Rotary.

Albert Guidry

Dr. Albert J. Guidry, a former member of the ARS Immunology and Disease Resistance Laboratory, Beltsville MD, passed away from cancer at the age of 78, in Nellysford, VA on June 27, 2013. Guidry's research was initiated at Louisiana State University. He joined the Genetics and Management Laboratory at Beltsville in 1964. At Beltsville, he turned his interests to mastitis and intramammary defense mechanism. Guidry produced the first mouse X mouse monoclonal antibodies specific for bovine immunoglobulin subsets, termed isotypes. These monoclonal antibodies have been used to quantify and affinity purify bovine immunoglobins, and to pinpoint specific isotype secreting cells in mammary tissue. They are being used worldwide for immunogenetic studies, and for cattle disease and vaccine studies. He and his team also used interspecific fusion of bovine lymphocytes with mouse cell lines to produce a collection of stable hybridomas which secreted bovine immunoglobins and served as isotype standards by numerous laboratories. Guidry judiciously applied modern methods of tissue culture, flow cytometry, monoclonal antibody production and molecular biological techniques to markedly advance our knowledge of the host's immune defenses and to improve vaccines



Albert J. Guidry

against *Staphylococcus aureus* mastitis. His accomplishments provided a foundation for mastitis research in the 21st century. He was an asset to agriculture and science, both nationally and internationally. In recognition of his meritorious scientific contributions on mastitis, the American Dairy Science Association awarded him the West Agro, Inc. award in 1996.

Selma G. Horwitz

FARB member Selma Horwitz of Silver Spring, MD died on November 16, 2011. She was the beloved wife of the late William Horwitz, devoted mother of Frances (Lawrence) Unger, Nancy, (John)

Cooney and Allen Horwitz and several sisters, grandchildren and great-grandchildren.

John Kingsolver

John M. Kingsolver, son of Roy L. and Rena E. Kingsolver, was born in 1925 in Delaware County, IN. He died on December 10, 2013. He was the oldest of four children, the others being Max, Mary and David. He attended rural schools in central Indiana, was a veteran of the U.S. Navy during WWII and graduated from Purdue University in 1951. He entered the University of Illinois in 1954, received a Master's Degree in entomology in 1956 and a PhD in 1961. The family moved to Silver Spring, MD, and John was employed by the US Department of Agriculture as a research entomologist from 1962 to 1990.



John Kingsolver

In 1948, he and Cynthia L. Lindesmith were married in Logansport, IN and had two children, John Mark, Jr. and Rebecca Diane. During these years, John and Cynthia attended St. Bernadette's Church where John sang in the choir. In 1991, they moved to Gainesville, FL. John Jr. died of leukemia in 1989. Cynthia died in 1993 and is buried in Spencer Cemetery near Sheridan, IN. John was married to Audrey Wright who survives him. He is also survived by his daughter, Rebecca of KY, two granddaughters, Jenny and Nancy, and six great-grandchildren.

John spent his retirement volunteering for Catholic Charities, reading books for the University of Florida's radio for the blind, and continuing with his first love, entomology, by writing scientific papers and books while volunteering at the Florida Department of Agriculture in Gainesville, sorting and identifying insects.

Frederick G. Marzke

FARB member Frederick Marzke was born on July 28, 1918 in Lansing, MI. He died on November 3, 2012 in Rochester Hills, MI at the age of 94. He graduated from Lansing Central High School and received his BS and Ph.D. in Zoology. After serving in the U.S. Air Force medical unit during World War II,

he worked as a research entomologist for USDA in Savannah, GA, Madison, WI and Gainesville, FL, retiring in 1975. His brothers, Robert, Oscar and Carl, and his sister Dorothy Paige, predeceased him. He is survived by five nieces.

John A. Milner

Dr. John Milner of Potomac, MD died on Tuesday, December 31, 2013. He was 66. Born in Pine Bluff, AR, he had an impactful career in human nutrition and cancer prevention. He was an internationally respected scientist, well known for his broad understanding of nutrition and its role in cancer prevention. John Milner earned a Ph.D. from Cornell University, with a major in animal nutrition and minors in biochemistry and physiology. He was a faculty member in the Food Science Department at the University of Illinois for 13 years, where he also served as Director of the Division of Nutritional Sciences and Assistant Director of the Agricultural Experiment Station. He was then chair the Department of Nutrition at Penn State University for 11 years, where he also served as the Director of the Graduate Program in Nutrition. In 2000, Milner was hired as the Chief of the Nutritional Science Research Group, Division of Cancer Prevention at the National Cancer Institute. In 2012, John became Director of the BHNRC, USDA-ARS, BARC, whose mission is to define, through research, the role of foods and its components in optimizing human health and reducing the risk of nutritionally related disorders. Milner's personal research program has largely dealt with the impact of garlic (allyl sulfur compounds), selenium and antioxidants on human health and cancer risk. He has authored over 200 publications, served on numerous editorial boards and served as the senior editor of *Cancer Prevention Research*. Milner has served on many advisory boards and he has been the recipient of numerous scientific awards, including the prestigious David A. Kritchevsky Career Achievement Award in Nutrition from the American Society for Nutrition.

He was predeceased by his wife of 35 years, Mary Frances Picciano, who passed in 2010, and is survived by their two children, Kristina Milner of Annapolis, MD, and Matthew Milner of State College, PA.

In lieu of flowers, contributions may be made to the John A. Milner Graduate Student Endowment in

Nutritional Sciences, Department of Nutritional Sciences, Penn State University, 201 Henderson Bldg., University Park, PA 16802.

Betty B. Peterkin

Betty B. Peterkin, an ARS nutritionist for more than 25 years, died October 23, 2013 at MedStar Washington Hospital Center in the District. She was 91. The cause was complications from a fall. Peterkin, a resident of Solomons, Md., was deputy director of the Agriculture Department's Human Nutrition Information Service before retiring in 1987. Her primary research areas were food consumption surveys and dietary guidance development. She helped produce and promote the 1985 and 1990 editions of the government's *Dietary Guidelines for Americans*, on which the food pyramid is based. She also helped design and develop the Agriculture Department's Thrifty Food Plan, which serves as a basis for determining food-stamp allotments. Betty Cherry Brown was born in Bloomington, IN, and raised in Rushville, IN. She was a 1942 graduate of Purdue University in West Lafayette. She was a former Girl Scout leader and a member of Bells United Methodist Church in Camp Springs, MD, where she served on the finance committee and planned youth fellowship activities. In 1996, she moved to the Asbury Solomons retirement community, where she served on the board of directors, welcoming committee and residents' council. Her husband of 47 years, Ernest Peterkin, died in 1995. Survivors include three daughters, Janet Brock of East Lansing, Michigan, Nancy Supik of Baltimore and Lucy Peterkin of Bushwood, MD; a sister; and eight grandchildren.

A Special Thank You Note to FARB



Dear FARB members,

I would not be where I am without the strong support of family, teachers, mentors, and friends like FAR-B (Friends of Agricultural Research at BARC). I am a strong black, female, Princetonian, who overcame many challenges in life to become who I am today. One of the challenges I overcame was completing my Science and Technology internship with the USDA while attending Charles Hebert Flowers High School. I was surprised and happy when my research project with Dr. Hively and Dr. McCarty earned me the title of the first Vernon Pursel Awardee. I was honored to be part of his great legacy. As the first Vernon G Pursel Awardee, I hope I can emulate Dr. Pursel especially by accomplishing great things.

I am majoring in either Chemistry or Molecular Biology at Princeton University and hope to work as a research chemist or biologist at USDA. This past summer I had the opportunity of working with USDA again. As a summer intern with the Hydrology and Remote Sensing lab, I worked with Dr. Hively and Dr. McCarty on their photo interpretation project.

I would like to thank the Friends of Agriculture Research at BARC for their continued support! My deepest sense of gratitude to all who have supported me!

Tolulope Adetayo

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